

To whom it may concern: I believe there are serious issues with broadband over powerline that must be addressed before the service can be approved. As I understand it, many independent studies have shown that broadband over powerlines would tremendously interfere with the reception of Amateur Radio and shortwave broadcast services on the ALL of the HF bands. Broadband over powerlines uses a very large segment of HF spectrum, and overhead powerlines will make a good antenna. A lot of RF energy will be radiated and cause a tremendous amount of harmful interference across the entirety of HF.

To completely destroy 30 or 50 MHz of spectrum would be a travesty, especially considering that these frequencies are used to provide emergency communication in times of need, as well as radio broadcasts from all over the world. These frequencies are also the ONLY long-range frequencies available without the use of satellites.

I urge that this topic be studied in depth before any action is taken, and that the ARRL be included in the process. I also warn against the path of non-cooperation that there is evidence of, even within the FCC, which appears to be attempting to cut critical parties out of the loop to force this through.

Thank you for your time.

Sincerely,
Ben Gelb